

Attorney Docket No. 0553-0395

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Takahiro IBE

Serial No.: 10/763,101

Filed: January 22, 2004

Art Unit: 2879

Examiner: Vip Patel

For: ELECTROLUMINESCENCE DEVICE

I hereby certify that this correspondence is  
being deposited with the United States  
Postal Service as first class mail in an  
envelope addressed to:  
Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450, on March 31,  
2006

Cristie M. Neal

Date: March 31, 2006

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i) copies of cited US patent and US patent application publications are not submitted herewith. Copies of foreign patent documents and non-patent literature are enclosed herewith for the Examiner's consideration.

No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not

04/04/2006 SFELEKE1 00000077 10763101

01 FC:1806


180.00 DP

possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

A first office action, notice of allowance or issue fee notification has been received in this case, so a check in the amount of \$180.00 is enclosed. If any additional fee is required, please charge Deposit Account No. 50/1039.

Respectfully submitted,



Mark J. Murphy  
Registration No.: 34,225

COOK, ALEX, McFARRON, MANZO,  
CUMMINGS & MEHLER, LTD.  
200 West Adams Street  
Suite 2850  
Chicago, Illinois 60606  
(312) 236-8500

Customer No: 000026568



LIST OF PUBLICATIONS CITED BY APPLICANT	<u>Atty. Docket No.</u> 0553-0395	<u>Serial No.</u> 10/763,101
	<u>Applicant</u> Takahiro IBE	
	<u>Filing Date</u> January 22, 2004	<u>Group</u> 2879

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,677,546	10/14/97	Yu	257	40	05/19/95
	5,682,043	10/28/97	Pei et al	257	40	06/28/94
	5,970,318	10/19/99	Choi et al	438	99	05/15/98
	5,982,345	11/09/99	Takayama et al	345	76	01/31/97
	6,013,384	01/11/00	Kido et al	428	690	01/22/98
	6,107,734	08/22/00	Tanaka et al	313	506	09/28/98
	6,198,091 B1	03/06/01	Forrest et al	250	214.1	08/19/98
	6,278,055 B1	08/21/01	Forrest et al	136	263	08/19/98
	6,297,495 B1	10/02/01	Bulovic et al	250	214.1	08/19/98
	6,300,612 B1	10/09/01	Yu	250	208.1	02/02/99
	US 2001/ 0031509 A1	10/18/01	Yamazaki	438	48	01/30/01
	6,352,777 B1	03/05/02	Bulovic et al	428	411.1	08/19/98
	6,423,429 B2	07/23/02	Kido et al	428	690	02/25/99
	US 2002/ 0119297 A1	08/29/02	Forrest et al	428	199	12/21/01
	6,451,415 B1	09/17/02	Forrest et al	428	212	11/26/99
	6,452,092 B1	09/17/02	Han et al	136	263	01/19/01
	US 2002/ 0173068 A1	11/21/02	Kido et al	438	99	04/09/02
	US 2002/ 0197462 A1	12/26/02	Forrest et al	428	212	08/05/02
	6,524,884 B1	02/25/03	Kim et al	438	99	05/16/02
	6,580,213 B2	06/17/03	Yamazaki	313	506	01/30/01
	US 2003/ 0127967 A1	07/10/03	Tsutsui et al	313	498	12/04/02
	US 2003/ 0209974 A1	11/13/03	Yamazaki	313	504	06/13/03
	US 2003/ 0218166 A1	11/27/03	Tsutsui	257	40	05/20/03
	US 2004/ 0027059 A1	02/12/04	Tsutsui	313	504	07/28/03
	US 2004/ 0027061 A1	02/12/04	Seo et al	313	504	08/07/03
	6,692,820 B2	02/17/04	Forrest et al	428	212	08/05/02
	US 2004/ 0151887 A1	08/05/04	Forrest et al	428	212	01/14/04



### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 60-028278	02/13/85	Mitsubishi Electric Corp		X	07/26/83
	JP 04-192376	07/10/92	Sekisui Chem Co		X	11/22/90
	JP 06-318725	11/15/94	Ricoh Co., Ltd.	X		05/10/93
	EP 0 855 848 A2	07/29/98	Int. Mfg. & Eng. Services Co Ltd			01/07/98
	JP 10-270171	10/09/98	Kido et al	X		03/27/97
	JP 11-251067	09/17/99	Kido et al	X		03/02/98
	EP 0 948 063	10/06/99	Kido et al			02/25/99
	JP 2001- 357975	12/26/01	Rohm Co., Ltd.		X	06/16/00
	JP 2003- 045676	02/14/03	Int. Mfg. & Eng. Services Co Ltd		X	07/26/01
	JP 2003- 515933	05/07/03 (05/31/01 Int. Pub)	University of Princeton	X		11/15/00

### OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

- 1) FERRARIS, J. et al, "Electron Transfer in a New Highly Conducting Donor-Acceptor Complex," Journal of the American Chemical Society, vol. 95, no. 3, pp. 948-949, February 7, (1973).
- 2) FUCHIGAMI, H. et al, "Polythienylenevinylene Thin-Film Transistor with High Carrier Mobility," Applied Physics Letters, vol. 63, no. 10, pp. 1372-1374, September 6, (1993):
- 3) YU, G. et al, "Charge Separation and Photovoltaic Conversion Polymer Composites with Internal Donor/Acceptor Heterojunctions," J. Appl. Phys., vol. 78, no. 7, pp. 4510-4515, October 1, (1995).
- 4) GUNDLACH, D.J. et al, "Pentacene Organic Thin-Film Transistors - Molecular Ordering and Mobility," IEEE Electron Device Letters, vol. 18, no. 3, pp. 87-89, March, (1997).
- 5) RUHSTALLER, B. et al, "Bias-Tuned Reduction of Self-Absorption in Polymer Blend Electroluminescence," Chemical Physics Letters, vol. 317, pp. 238-244, February 4, (2000).
- 6) NARAYAN, K.S. et al, "Light Responsive Polymer Field-Effect Transistor," Applied Physics Letters, vol. 79, no. 12, pp. 1891-1893, September 17, (2001).

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



LIST OF PUBLICATIONS  
CITED BY APPLICANT

Atty. Docket No.  
0553-0395

Serial No.  
10/763,101

Applicant  
Takahiro IBE

Filing Date  
January 22, 2004

Group  
2879

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	US 2001/ 0046611 A1	11/29/01	Kido et al	428	690	02/25/99
	US 2002/ 0028347 A1	03/07/02	Marrocco, III et al	428	690	06/12/01
	US 2004/ 0150333 A1	08/05/04	Tsutsui	313	512	07/24/03
	6,844,025 B2	01/18/05	Forrest et al	427	74	01/14/04
	US 2005/ 0023522 A1	02/03/05	Frey et al	257	40	05/07/04

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	JP 11-329748	11/30/99	Idemitsu Kosan Co	X		05/20/98
	JP 2001- 244074	09/07/01	Technology Licensing Org. Inc.	X		02/28/00
	JP 2001- 291592	10/19/01	Semiconductor Energy Lab Co Ltd.	X		01/31/01
	JP 2002- 033193	01/31/02	Hitachi Ltd.		X	07/13/00
	JP 2004- 111085	04/08/04	Matsushita Denki Sangyo KK	X		09/13/02
	WO 2004- 112440 A1	12/23/04	Matsushita Electric Ind. Co. Ltd.	X		06/10/04

**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS**  
(Including Author, Title, Date, Pertinent Pages)

--	--

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



LIST OF PUBLICATIONS  
CITED BY APPLICANT

Attv. Docket No.  
0553-0395

Serial No.  
10/763,101

Applicant  
Takahiro IBE

Filing Date  
January 22, 2004

Group  
2879

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	4,871,236	10/03/89	Gemma et al	350	355	09/16/86
	6,198,092 B1	03/06/01	Bulovic et al	250	214.1	08/19/98
	US 2002/ 0189666 A1	12/19/02	Forrest et al	136	263	06/11/01
	US 2003/ 0042846 A1	03/06/03	Forrest et al	313	503	09/06/01
	US 2003/ 0189401 A1	10/09/03	Kido et al	313	504	03/21/03
	US 2004/ 0113546 A1	06/17/04	Forrest et al	313	504	11/21/03

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
	EP 0 215 683 B1	03/25/87	Kabushiki Kaisha Toshiba			09/18/86
	WO 02/101838	12/19/02	Trustees of Princeton Univ.			06/07/02

**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS**  
(Including Author, Title, Date, Pertinent Pages)

--	--

EXAMINER:

DATE CONSIDERED:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP form. Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.